

## **OPTICAL COMPONENT HAVING A REDUCED THERMAL SENSITIVITY**

### **ABSTRACT OF THE INVENTION**

An optical component is disclosed. The optical component includes a light signal carrying region positioned between secondary regions. The component also includes a thermal conductor positioned over the light signal carrying region and at least a portion of the secondary regions. The thermal conductor includes one or more nanotubes. In some instances, the nanotubes are formed by applying microwaves to a material such as carbon.